Q-267R4

SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

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2017 & LATER SUPER DUTY CHASSIS CAB 6.7L DIESEL DEF TANK RELOCATION (FROM BETWEEN FRAME RAILS TO OUTBOARD LOCATION)

REVISION	UPDATE	REVISION DATE
Q-267R4	ADDED PART NUMBER FOR 2023 MODEL YEAR	17MAY2023
Q-267R3	ADDED PART NUMBER FOR 2021 MODEL YEAR	12FEB2021
Q-267R2	ADDED PART NUMBER FOR 2020 MODEL YEAR	13FEB2020
Q-267R1	CORRECTED PART NUMBERS	23OCT2017
Q-267	INITIAL RELEASE	05SEP2017

MODEL(S) AFFECTED:
2017 & LATER SUPER DUTY CHASSIS CAB WITH 6.7L DIESEL ENGINE AND AFT-OF AXLE FUEL TANK ONLY

ISSUE / DESCRIPTION:
This Bulletin is intended to advise key service part numbers required to relocate the model year 2017 and later Super Duty Chassis Cab DEF tank from the inboard location (between the frame rails) to the outboard location (outside passenger side frame rail).

The inboard and outboard DEF tank locations have different mounting hardware. Additionally, an extended wire harness jumper and extended heated DEF line have been released to facilitate tank relocation. The following tables contain both the service part numbers of the standard inboard position mounting hardware and the service parts required for an upfitter to relocate the DEF tank from the inboard to outboard position.

Vehicles equipped with the DEF tank mounted in the standard, inboard position will have the following hardware installed from factory:

Inboard DEF Tank Mounting Hardware		
Service Part Number	**Description**	**Quantity**
HC3Z-5J231-A	STRP TNK EXH A/TRTMT SOLU MTNG (Note: retain for use with outboard position)	2
HC3Z-5L212-C	BRKT ASY TNK EXH A/TRTMT SOLU	1
HC3Z-5L212-D	BRKT ASY TNK EXH A/TRTMT SOLU	1

The following service components are required for relocating the DEF Tank from the inboard location to the outboard location. They may be ordered through a Ford dealer:

Outboard DEF Tank Mounting Hardware		
Service Part Number	**Description**	**Quantity**
HC3Z-5L212-A	BRKT ASY TNK EXH A/TRTMT SOLU	1
HC3Z-5L212-B	BRKT ASY TNK EXH A/TRTMT SOLU	1
HC3Z-5C106-A	PLT ASY FR TO BDY SUPT	1
HC3Z-14A655-A	Electrical Jumper Harness* 2017 through 2019	1
LC3Z-14A655-A	Electrical Jumper Harness* 2020	1
MC3Z-14A655-A	Electrical Jumper Harness* 2021 and later	1
PC3Z-14A655-A	Electrical Jumper Harness* 2023 and later	1
HC3Z-5J249-T	Extended DEF line*	1
*Required parts specific to tank relocation		

Note: *The inside left frame rail (mid-ship) position is the factory default position with aft-of-axle fuel tank. If the mid-ship fuel tank or mid-ship and aft-of-axle tanks are ordered, the urea tank will be packaged on the outside right frame rail. There is no recommended tested position to relocate the urea tank when the mid-ship fuel tank is ordered.*

Refer to the workshop manual for tank removal and installation procedure.

Additional guidelines:
After any modification on or near the urea supply line, inspect the entire length of the line from the urea tank to the exhaust injector. Look for areas that may have been impacted by jacking, hoisting, cutting, welding or repositioning of components.

Verify that all (6) connectors related to the urea tank and fluid supply line are fully seated by using a push/click/pull method.

Start vehicle and allow it to run for a minimum of 10 minutes. Inspect for any leaks. Check the instrument cluster for warning lights or messages related to the Diesel Exhaust Fluid System. If extensive troubleshooting is required, please contact your local authorized Ford Service Center.

Refer to the Body Builder Layout Book for additional guidelines and recommendations. If you have any questions, please contact the Ford Body Builders Advisory Service as shown in the header of this bulletin.